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**From:** Stoker, Michael B. [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DCB64B4E7EDF48AABE8EF43996A4652E-STOKER, MIC]  
**Sent:** 7/13/2018 11:28:06 PM  
**To:** Manzanilla, Enrique [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0482b3cc383348b887a1800bc40c0a72-EMANZANI]  
**CC:** Zito, Kelly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=77b35bcb5354401dbc1c29cd98fb97fa-KZITO]; Jordan, Deborah [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b3dbf2d18ec74d249d23ef5b7791e02b-DJORDAN]; Herrera, Angeles [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=8aa7ea9bf6c74f0783906f40a4252630-AHERRERA]; Maldonado, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e9fc00f6394344feb7bc9c0041c6c289-LMALDONA]; Chesnutt, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e1cd369e94474c2c8a876fb16943320a-JCHESNUT]  
**Subject:** Re: Follow-up information re Hunters Point Shipyard Contamination Testing Won't Include Housing-Curbed SF Article July 12, 2018

That's all I need. Thx. And have a super weekend.

Michael Stoker  
EPA Regional Administrator-Region 9  
Cell (213) 215-3104

On Jul 13, 2018, at 3:59 PM, Manzanilla, Enrique <[Manzanilla.Enrique@epa.gov](mailto:Manzanilla.Enrique@epa.gov)> wrote:

Mike,

Below are additional facts that the SF Curbed article did not include. In addition, attached is an EPA handout that has been widely distributed for more background about Parcel A.

- After the Navy transferred Parcel A, the developer excavated a million cubic yards of the hilltop area, imported new clean soil, and installed sidewalks, streets, and landscaping. This cover layer blocks radiation that could expose people through breathing or eating.
- Radiation emits alpha, beta or gamma activity. Alpha and beta radiation cannot penetrate landscaping, sidewalks, or streets. Only gamma radiation can do so, so gamma scans are the best way to detect radiation that could expose residents.
- Homes typically have foundations, flooring, and other material that would shield and protect residents from any potential radiation from underground even more than outdoor cover materials. So the scanners may not be able to detect underground radiation indoors with as much sensitivity as it might outdoors. In addition, scanning outdoors will cover more ground more efficiently than indoors. If any issues are found

outdoors, CDPH would carefully consider whether any indoors testing would be prudent.

- A former worker reported finding elevated levels of Cesium(Cs)-137 by a street downhill from homes. He speculated that the source could have been from uphill at the homes. If that were true, Cs-137 would likely have highest concentrations at the flat locations between the hilltop and the street. CDPH has scanned these flat areas and found no elevated Cs-137.

CDPH managers explained much of the above at the Home Owners Association meeting on July 5. They also attended the Navy's July 11 public meeting on Parcel A to answer questions and reached out to reporters proactively for one-on-one interviews. Please let us know anything else you may need.

Enrique

**From:** "Stoker, Michael B." <[stoker.michael@epa.gov](mailto:stoker.michael@epa.gov)>  
**Date:** July 12, 2018 at 5:11:16 PM PDT  
**To:** "Strauss, Alexis" <[Strauss.Alexis@epa.gov](mailto:Strauss.Alexis@epa.gov)>, "Manzanilla, Enrique" <[Manzanilla.Enrique@epa.gov](mailto:Manzanilla.Enrique@epa.gov)>  
**Subject:** Fwd: PLEASE READ Hunters Point Shipyard Contamination Testing Won't Include Housing-Curbed SF Article July 12, 2018

Let me know at your convenience if this accurate. If so why not? Just want to know the answer. Or discuss with State Health including.

Michael Stoker  
EPA Regional Administrator-Region 9  
Cell (213) 215-3104

Begin forwarded message:

**From:** Bradley Angel <[bradley@greenaction.org](mailto:bradley@greenaction.org)>  
**Date:** July 12, 2018 at 4:21:13 PM PDT  
**To:** "Stoker, Michael B." <[stoker.michael@epa.gov](mailto:stoker.michael@epa.gov)>, "Strauss, Alexis" <[Strauss.Alexis@epa.gov](mailto:Strauss.Alexis@epa.gov)>, "lee.lily@epa.gov" <[lee.lily@epa.gov](mailto:lee.lily@epa.gov)>, "Manzanilla, Enrique" <[manzanilla.enrique@epa.gov](mailto:manzanilla.enrique@epa.gov)>, "Cope, Grant@EPA" <[Grant.Cope@calepa.ca.gov](mailto:Grant.Cope@calepa.ca.gov)>, "Lee, Barbara@DTSC" <[Barbara.Lee@dtsc.ca.gov](mailto:Barbara.Lee@dtsc.ca.gov)>, "Rodriquez, Matthew@EPA" <[Matthew.Rodriquez@calepa.ca.gov](mailto:Matthew.Rodriquez@calepa.ca.gov)>, "Raphael, Deborah (ENV)" <[deborah.raphael@sfgov.org](mailto:deborah.raphael@sfgov.org)>, london.breed@sfgov.org, Malia Cohen <[malia.cohen@sfgov.org](mailto:malia.cohen@sfgov.org)>, Jane Kim <[jane.kim@sfgov.org](mailto:jane.kim@sfgov.org)>, aaron.peskin@sfgov.org, commissioner.hoyos@gmail.com, commissioner.ahn@gmail.com, "Tugbenyoh, Mawuli (BOS)" <[Mawuli.tugbenyoh@sfgov.org](mailto:Mawuli.tugbenyoh@sfgov.org)>, "Chicuata, Brittni (BOS)" <[brittni.chicuata@sfgov.org](mailto:brittni.chicuata@sfgov.org)>, "Mascarenas, Ana@DTSC" <[ana.mascarenas@dtsc.ca.gov](mailto:ana.mascarenas@dtsc.ca.gov)>  
**Subject:** Re: PLEASE READ Hunters Point Shipyard Contamination Testing Won't Include Housing-Curbed SF Article July 12, 2018

Hunters Point Shipyard Contamination Testing  
Won't Include Housing-Curbed SF

<https://sf.curbed.com/2018/7/12/17561560/hunters-point-shipyard-test-housing-contamination-fraud>

<Parcel A of the former Hunters Point Naval Shipyard and Radiation 7-19-2017 EPA update.pdf>